

LUBRICANT COMPOSITION AND MAGNETIC RECORDING MEDIUM LUBRICATED THEREWITH

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Abstract

PROBLEM TO BE SOLVED: To obtain a lubricant composition which can show excellent lubricating performances under various conditions of use and can keep its lubricating performances for a long time by mixing a perfluoropolyether compound with a phosphazene compound and to obtain a magnetic recording medium lubricated therewith and having stable running performances, abrasion resistance and durability.

SOLUTION: This composition is a mixture of a perfluoropolyether compound having a carboxylic acid amine salt at one end and represented by either of formulas I and I' (wherein Rf is a perfluoropolyether group; and R1, R2 and R3, which are independent of each other, are each a hydrocarbon group or hydrogen, provided that at least one of them is a long-chain hydrocarbon group) with a phosphazene represented by formula III. It is desirable that the mixing ratio of the perfluoropolyether compound to the phosphazene compound is 1/3 to 3/1 by weight.

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